Index of Claims

| | | •• | _ | | • | _ | • | _ | _ | | | |
|---|--------|--------|-----|-------|---|---|-------|---|-----|------|-----|------|
| | 181118 | | 111 | 11181 | | | • 111 | | 181 | 1118 | | 1188 |
| Ш | | Ш | Ш | Ш | ш | н | | Ш | Ш | Ш | W 1 | ш |
| Ш | | Ш | Ш | Ш | ш | ш | | Ш | Ш | Ш | W 1 | Ш |
| Ш | | Ш | Ш | Ш | | Ш | | Ш | Ш | | ш | Ш |
| Ш | | Ш | Ш | Ш | | ш | | Ш | Ш | 2118 | W 1 | Ш |
| Ш | | Ш | Ш | Ш | | Ш | | ш | Ш | Ш | W 1 | Ш |
| ш | | ш | Ш | Ш | Ш | ш | | ш | ш | Ш | W 1 | ш |
| | | | | | | | | | I | | | |

Application No.

09/803,119

Examiner

Frank Duong

ı

Applicant(s)

STIEGLER ET AL.

Art Unit

2666

0

Rejected Allowed

(Through numeral) Cancelled

Restricted

Non-Elected N

Interference

Appeal Α

Objected

| | | | | | | | J | | <u> </u> | |
|--|--|----------|----------|---|-------------------|--------------|----------|--|--------------|----------------------|
| <u> </u> | | | | | _ | 7-4 | | | | |
| Cla | | \vdash | r | _ | | Date | = | _ | _ | ⊢ |
| Final | Original | 10/14/04 | | | | | | | | |
| 1 | | - | - | _ | \vdash | - | _ | - | - | \vdash |
| 2 | 2 | _ | H | _ | - | H | _ | <u> </u> | H | H |
| -2 | -2 | _ | ┢ | - | | \vdash | | ┝ | \vdash | Н |
| 4 | 4 | Ε | ├- | \vdash | \vdash | - | - | - | \vdash | Н |
| 1 2 3 4 5 6 7 | 1 2 3 4 5 6 7 | Ξ | ┢ | \vdash | | ┝ | \vdash | \vdash | ⊢ | Н |
| 6 | 6 | E | ├- | | \vdash | | - | \vdash | \vdash | Н |
| 7 | 7 | = | ├ | \vdash | - | ├ | - | ┝ | - | Н |
| 8 | 8 | = | | \vdash | | | \vdash | ┢╌ | _ | \vdash |
| | 9 | _ | | | | - | | | | |
| | 10 | | | | | | | | Г | П |
| | 11 12 | | | | | | | | | |
| | 12 | | | | | | | | | |
| | 13 | | | | | | | | | |
| L | 14 | | <u> </u> | | lacksquare | <u> </u> | L | <u> </u> | | Ш |
| <u> </u> | 15 | <u> </u> | <u> </u> | L_ | $ldsymbol{f eta}$ | <u> </u> | _ | <u>L</u> | <u>L</u> | Щ |
| | 13 14 15 16 17 18 19 20 21 | <u> </u> | ļ | <u> </u> | <u> </u> | <u> </u> | _ | _ | _ | \sqcup |
| | 17 | <u> </u> | \vdash | _ | ļ | - | | _ | \vdash | \sqcup |
| | 18 | | _ | | | | _ | _ | - | H |
| | 19 | | H | _ | | - | ┝ | \vdash | - | |
| | 20 | \vdash | \vdash | _ | ⊢ | | ┢ | ├ | ⊢ | Н |
| | 22 | | | _ | | | \vdash | \vdash | ├ | Н |
| | 22 23 | | | _ | \vdash | | ┢ | \vdash | ┢ | Н |
| | 24 | | | | | | \vdash | \vdash | \vdash | Н |
| | 24 25 26 | İ | | | | | | | | |
| | 26 | | | | | | | | | |
| | 27 | | | | | | | | | |
| | 27 28 29 | | | | | | | | | |
| | 29 | | | _ | | | | | L | Ш |
| | 30 31 | L | <u> </u> | $ldsymbol{ld}}}}}}$ | | _ | L | _ | L | |
| | 31 | | _ | <u> </u> | | <u> </u> _ | <u> </u> | _ | L | Ш |
| <u> </u> | 32 33 | - | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | \vdash | Щ |
| <u> </u> | 33 | <u> </u> | <u> </u> | \vdash | <u> </u> | ├— | <u> </u> | \vdash | <u> </u> | $\vdash \vdash$ |
| <u> </u> | 34 | ├— | <u> </u> | | ├ | | <u> </u> | | ├— | $\vdash \vdash$ |
| | 35 36 | - | ⊢ | \vdash | \vdash | _ | \vdash | | ├ | $\vdash \vdash \mid$ |
| | 37 | - | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash | | $\vdash \vdash$ |
| | 38 | | - | \vdash | - | \vdash | \vdash | | ├ | $\vdash \vdash$ |
| — | 39 | Н | | - | \vdash | \vdash | - | | \vdash | H |
| | 40 | Г | | _ | \vdash | Г | Т | | | \sqcap |
| | 41 | | | | | | | | | |
| | 42 | | | | | | | | | |
| | 43 | | \Box | | | | | | | |
| | 44 | | | | Ĺ | | | | | |
| | 45 | L_ | L | | L | | L | _ | oxdot | |
| <u></u> | 46 | | L | | Ш | | <u> </u> | <u> </u> | ldash | Щ |
| ļ | 47 | | ļ | <u> </u> | | <u> </u> | <u> </u> | <u> </u> | \vdash | Щ |
| $\vdash \vdash \mid$ | 48 | \vdash | H | <u> </u> | <u> </u> | <u> </u> | _ | <u> </u> | - | $\vdash \vdash$ |
| | 49 | \vdash | | - | | | | <u> </u> | | Н |
| L | 50 | | | | | | ĺ | . ' | 1 | ı I |

| Cla | aim | | | | (| Date | 9 | | | | | Cla | im | | | | D | ate | | | |] | Cl | aim | | | | | ate | • | | | |
|------------|---------------|----------------|----------|--------------|---------------|----------|----------|----------|----------|----------|------------|----------|----------|---------------------|----------|----------|----------------|----------|--------------|----------|---------|----------|----------|------------|---------------|----------|-----------|----------|----------|----------|-----------|----------|-----------|
| _ | E | 8 | | | | | | | | | | - 1 | | | | | | | | | | | _ | <u>la</u> | | | | | | | | Ī | |
| Fla | Original | 10/14/04 | | | | | | | | | | Final | Original | | | | | - | | İ | | | Final | Original | | - 1 | | | | | | | |
| _ | Ō | 5 | | i | | | | | | | li | _ | ō | | | | - | i | | - | | | | ō | | | ı | | | | | - | |
| 1 | 1 | = | _ | | | \vdash | | | \vdash | _ | | | 51 | | 寸 | T | 十 | 十 | \top | \top | | 7 | | 101 | | _ | | | | | \exists | 寸 | \exists |
| 2 | 2 | П | | | | | | | | | | | 52 | | | | | | | | | | | 102 | | | | | | | | | |
| 3 | 3 | u | | | | | | | | | | | 53 | | \perp | | | | | \perp | | | | 103 | | | | | | | \Box | \Box | |
| 4 | 4 | = | L | | | | | | | | L | | 54 | \dashv | 4 | 4 | _ | 4 | 4 | 4 | 4 | 4 | | 104 | \Box | _ | | _ | | Ш | _ | _ | ᆜ |
| 5 | 5 | = | <u> </u> | _ | | | | \perp | | _ | - | \dashv | 55 | \dashv | 4 | | - | _ | 4 | _ | _ | 4 | ļ | 105 | | 4 | _ | | _ | | \dashv | _ | _ |
| 6 7 | <u>6</u> 7 | = | - | | \vdash | | | Н | \dashv | - | - | \dashv | 56 57 | - | - | | - | -+ | + | - | | 4 | - | 106 107 | | - | | | | | \dashv | | \dashv |
| <u>/</u> 8 | 8 | 1 | ┝ | \vdash | \vdash | | | - | \dashv | - | ⊢ | \dashv | 58 | \dashv | \dashv | \dashv | \dashv | + | + | + | + | ┨ | | 107 | \dashv | \dashv | \dashv | - | | | \dashv | \dashv | \dashv |
| <u> </u> | 9 | - | H | H | | ┢╌ | | - | \vdash | | ⊢ | \dashv | 59 | -+ | - | \dashv | -+ | + | + | -+ | + | + | - | 109 | - | \dashv | \dashv | \dashv | \dashv | \dashv | \dashv | \dashv | ᅥ |
| | 10 | | \vdash | \vdash | | | | \vdash | \vdash | - | l ⊢ | | 60 | \dashv | 十 | 十 | ╅ | 十 | + | + | + | ┪ | | 110 | \dashv | + | + | \dashv | | \vdash | \dashv | \dashv | \dashv |
| _ | -11 - | | | | | | | | Ħ | | | | 61 | \Box | 7 | _ | _ | + | \top | 1 | | 1 | | 111 | | 1 | | \neg | | | \neg | 寸 | \dashv |
| _ | 12 | | | | | | | | | | | | 62 | | _† | | | | | | | _ | | 112 | | 丁 | | | | | 二 | ╗ | |
| | 13 | | | | | | | | | | | | 63 | | \Box | | | | oxed | | | | | 113 | | \Box | | | | | | | |
| | 14 | | | | | | | | | | L | | 64 | | \Box | \Box | | | \bot | \perp | | _ | | 114 | | | | | | | \Box | | |
| | 15 | | _ | | | <u>_</u> | | | | | <u> </u> | | 65 | | _ | | _ | | 4 | 4 | _ | 4 | | 115 | \dashv | _ | | _ | | | \dashv | _ | _ |
| | 16 | _ | <u> </u> | <u> </u> | \sqsubseteq | <u> </u> | _ | | | _ | L | _ | 66 | \sqcup | \dashv | 4 | 4 | + | 4 | 4 | + | 4 | | 116 | ightharpoonup | | _ | | _ | Ш | _ | _ | _ |
| | 17 | | H | | | | | \vdash | - | _ | - | \dashv | 67 | \dashv | \dashv | \dashv | + | + | + | + | + | 4 | | 117 | | _ | _ | _ | | | - | | - |
| | 18 19 | | | ┝ | | | | \vdash | - | | - | - | 68 69 | \dashv | \dashv | + | + | ╬ | + | + | - | 4 | - | 118 119 | \dashv | \dashv | \dashv | \dashv | - | \dashv | \dashv | \dashv | |
| | 20 | \vdash | | \vdash | H | \vdash | | H | \dashv | - | ⊢ | \dashv | 70 | \dashv | \dashv | | \dashv | ┿ | + | ┿ | ╁ | 4 | - | 120 | | + | | | - | \dashv | \dashv | | ╌┤ |
| - | 21 | \vdash | | | H | Н | | \neg | \dashv | - | l ⊢ | \neg | 71 | \dashv | 十 | - | - - | \dashv | + | + | + | 4 | - | 121 | - | + | | \dashv | | | \dashv | ᅱ | ㅓ |
| | 22 | | | | | | | | \top | | | | 72 | | 寸 | \neg | $\neg \dagger$ | ╛ | \top | _ | _ | 1 | | 122 | | 十 | \exists | | _ | | \neg | ヿ | |
| | 23 | | | | | | | | | | | | 73 | | \neg | \neg | | | 1 | \top | | 7 | | 123 | | T | | | | \neg | コ | ᅥ | |
| | 24 | | | | | | | | | | | | 74 | | \Box | | | \Box | I | | | | | 124 | | | | | | | | | |
| | 25 | | | | | | | | | | L | | 75 | \Box | \perp | | \perp | | \perp | \perp | |] | | 125 | | | | | | | | | \Box |
| | 26 | | | | | | | | | | <u> </u> _ | | 76 | | 4 | | 4 | 4 | 4 | _ | _ | 4 | L | 126 | | _ | _ | | _ | | | | |
| | 27 | | _ | | - | | | Щ | \dashv | | L | | 77 | - | - | - | - | 4 | 4 | - | _ | 4 | <u> </u> | 127 | | - | _ | | 4 | \Box | _ | | |
| _ | 28 | | | - | - | Н | | H | \dashv | \dashv | - | | 78 | \dashv | - | + | + | + | + | | - | 4 | <u> </u> | 128 | | - | | | _ | \dashv | -+ | | 4 |
| _ | 29 30 | | | ⊢ | \vdash | Н | | \vdash | \dashv | \dashv | - | ᅱ | 79 80 | \dashv | \dashv | + | \dashv | + | + | + | + | ┨ | | 129 130 | - | ┰ | \dashv | _ | | \dashv | _ | \dashv | |
| | 31 | | _ | \vdash | | | \vdash | | \dashv | \dashv | . - | \dashv | 81 | \vdash | \dashv | + | \dashv | + | + | + | ╁ | ┨ | | 131 | \dashv | \dashv | \dashv | - | \dashv | \dashv | \dashv | | |
| | 32 | | - | \vdash | Н | \vdash | \vdash | \vdash | \vdash | \dashv | - | \dashv | 82 | $\vdash \vdash$ | \dashv | \dashv | \dashv | + | + | + | + | 1 | — | 132 | - | \dashv | \dashv | 1 | | \dashv | \dashv | ᅱ | \dashv |
| | 33 | | Т | <u> </u> | П | \Box | | Н | \Box | \dashv | | \dashv | 83 | \Box | \dashv | \top | \top | \top | \top | \top | 1 | 1 | | 133 | | \dashv | 寸 | | | \neg | \dashv | \dashv | \dashv |
| | 34 | | | | | | | | | | | | 84 | | | | | | _ | _ | | | | 134 | | 丁 | | | | | 一 | _1 | |
| | 35 | | | | | | | | | | | | 85 | | | | | \Box | I | \Box | |] | | 135 | | | | | | | | \Box | |
| | 36 | | | | | | | Ш | \Box | \Box | | \Box | 86 | \Box | \bot | \bot | \perp | \Box | I | Ţ | \perp | _ | | 136 | | \Box | | | | | \Box | \Box | |
| _ | 37 | | | L | Щ | Щ | _ | Ш | \sqcup | _ | L | | 87 | $\sqcup \downarrow$ | _ | 4 | 4 | 4 | 4 | _ _ | 4- | 4 | | 137 | | 4 | 4 | _ | _ | | | _ | |
| | 38 | | _ | - | Щ | \vdash | _ | | \dashv | 4 | \vdash | _ | 88 | | | + | - | + | 4 | _ - | 4 | 4 | | 138 | | \dashv | 4 | | | \dashv | \dashv | _ | _ |
| _ | 39 40 | | - | | - | \vdash | | | \dashv | \dashv | ⊢ | | 89 90 | - | | \dashv | ┵ | + | + | + | + | - | <u> </u> | 139 140 | | + | | | | - | \dashv | \dashv | _ |
| _ | 41 | Н | - | | \vdash | Н | \vdash | \vdash | \dashv | | \vdash | ∸╂ | 91 | | \dashv | \dashv | \dashv | + | + | | + | 4 | <u> </u> | 141 | | + | + | - | \dashv | | \dashv | \dashv | \dashv |
| _ | 42 | Н | Н | \vdash | \vdash | Н | - | \vdash | \dashv | \dashv | \vdash | \dashv | 92 | - | \dashv | \dashv | + | 十 | ╫ | + | + | \dashv | - | 142 | \dashv | + | | | \dashv | \dashv | \dashv | - | \dashv |
| _ | 43 | Н | \vdash | Н | Н | Н | | \vdash | - | \dashv | \vdash | \neg | 93 | $\vdash \uparrow$ | \dashv | \dashv | \dashv | \dashv | 十 | \dashv | + | 1 | | 143 | \dashv | \dashv | + | - | \dashv | | \dashv | + | \dashv |
| | 44 | | | | | | | \Box | \Box | _ | | | 94 | \Box | \dashv | \top | \dashv | \top | 十 | \dashv | 1 | 1 | | 144 | | 十 | \dashv | \dashv | | \neg | 7 | 7 | \dashv |
| | 45 | | | | | | | | | | | | 95 | | | | | | I | | |] | | 145 | | | 一 | | | | 寸 | _† | \Box |
| | 46 | | | | | | | | | | | | 96 | | | \Box | \Box | | $oxed{oxed}$ | \Box | | 1 | | 146 | \Box | I | | | | | | | |
| | 47 | Ш | | L | | | | | \perp | [| L | ļ | 97 | | \perp | \perp | \perp | \perp | | _[| | 1 | | 147 | | \perp | | \Box | | | \Box | \Box | |
| | 48 | Ш | Н | _ | \sqcup | Ш | Щ | _ | - | 4 | L | | 98 | \sqcup | \dashv | 4 | _ | 4 | \downarrow | _ | \perp | 4 | | 148 | _ | \dashv | 4 | _ | _ | _ | | 4 | _ |
| _ | 49 50 | $\vdash\vdash$ | Н | <u> </u> | Н | | | | \dashv | 4 | - | | 99 | \vdash | + | \dashv | + | + | 4 | | - | 4 | \vdash | 149 | \dashv | + | 4 | _ | _ | _ | \dashv | \dashv | 4 |
| | 50 | لـــا | Ш | | | ш | | | | | L | | 100 | | L | _L | L | _L | L | | | J | | 150 | 1 | | | | 1 | | | Ш | |

| | | | | | | | | | ı | |
|-------|-------------------|--|--|--|----------|--------------|----------|----------|--------------|----------|
| Çl | aim | | | | | Date | e | _ | | |
| Final | Original | | | | | | | | | |
| | 101 | | | - | | | | | | |
| | 102 103 | | | | | | | | | |
| | 103 | | | | | | | | | |
| | 104 | | | | | | | | | |
| | 104 105 | | | | | | | | <u> </u> | L |
| | 106 | | | L. | L | L | | | <u> </u> | _ |
| | 107 | _ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | _ | <u> </u> |
| | 108 | | <u> </u> | | | ┡ | ┡ | <u> </u> | <u> </u> | ┡ |
| | 109 | \vdash | <u> </u> | - | | ├ | ├ | ⊢ | <u> </u> | |
| | 110 111 | - | - | _ | _ | ⊢ | - | ├ | - | H |
| | 112 | \vdash | | - | | ┝ | ⊢ | ⊢ | | - |
| | 112 | - | - | \vdash | | H | - | \vdash | - | \vdash |
| | 113 114 115 | | \vdash | | \vdash | \vdash | \vdash | \vdash | H | |
| | 115 | | - | | _ | ├ | \vdash | \vdash | | \vdash |
| | 116 | \vdash | ├─ | _ | - | H | | \vdash | | _ |
| | 117 | \vdash | | _ | - | \vdash | | \vdash | - | |
| | 118 | | | | | | | _ | | Г |
| | 119 | | | | | | | Т | \vdash | |
| | 120 | | | | | | | Г | | |
| | 121 | | | | | | | | | П |
| | 122 | | | | | | | | | |
| | 121 122 123 | | | | | | | | | |
| | 124 125 | | | | | | | L | | |
| | 125 | _ | L | | | | | | | |
| | 126 | | _ | ļ | ļ | ldash | <u> </u> | | | ļ |
| | 126 127 128 | | <u> </u> | <u> </u> | - | | <u> </u> | <u> </u> | | _ |
| | 128 | - | | ļ | ļ | _ | | - | <u> </u> | |
| | 129 130 | - | ├— | <u> </u> | <u> </u> | _ | | ┢ | | - |
| | 131 | | ├ | ├— | ├─ | <u> </u> | - | | - | - |
| | 132 | - | \vdash | \vdash | ⊢ | | - | ├ | ┝ | ├ |
| | 132 133 | - | \vdash | - | - | | - | ├ | H | ├─ |
| | 134 | - | H | \vdash | \vdash | _ | _ | \vdash | _ | - |
| | 135 | | \vdash | | | _ | | | \vdash | - |
| | 135 136 | | | - | <u> </u> | \vdash | | | | \vdash |
| | 137 | | 1 | | | | | | | |
| | 138 | | | | | | | | | |
| | 139 | | | | | | | | | |
| | 140 | | | | | | | | | |
| | 141 | | | | | | | | | |
| | 142 | Щ | L | <u> </u> | | $oxed{oxed}$ | L | <u> </u> | L | |
| | 143 | | _ | _ | L | | <u> </u> | <u>L</u> | <u>L</u> . | _ |
| | 144 | <u> </u> | <u> </u> | Щ | | <u> </u> | <u> </u> | <u> </u> | <u> </u> | _ |
| | 145 | <u> </u> | _ | <u> </u> | <u> </u> | oxdot | <u> </u> | <u> </u> | <u> </u> | oxdot |
| | 146 | _ | <u> </u> | _ | _ | <u> </u> | <u> </u> | \vdash | <u> </u> | <u> </u> |
| | 147 | <u> </u> | <u> </u> | <u> </u> | <u> </u> | \vdash | <u> </u> | <u> </u> | _ | \vdash |
| | 148 149 | \vdash | <u> </u> | \vdash | \vdash | | <u> </u> | - | \vdash | \vdash |
| | 149 | <u> </u> | - | _ | \vdash | \vdash | <u> </u> | - | <u> </u> | H |
| | เอบ | | | 1 | | | | | | |